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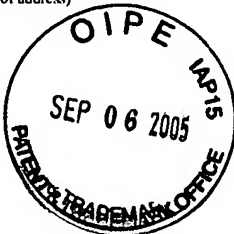
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7590 06/01/2005

Applied Materials, Inc.
 Patent / Legal Dept.
 M/S 2061
 P.O. Box 450A
 Santa Clara, CA 95052



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Maureen Walstra	(Depositor's name)
<i>Maureen Walstra</i>	(Signature)
9/01/05	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/693,775

10/25/2003

Ling Chen

AM-5209.D2

1973

TITLE OF INVENTION: TANTALUM BARRIER LAYER FOR COPPER METALLIZATION

09/07/2005 SSITHIB2 00000017 501074 10693775

01 FC:1501 1400.00 DA
 02 FC:1504 300.00 DA
 03 FC:8001 6.00 DA

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
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nonprovisional

NO

\$1400

\$300

\$1700

09/01/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
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NGUYEN, TUAN H

2813

438-622000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.563).

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- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Charles S. Guenzer

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.111. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

APPLIED MATERIALS, INC.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Santa Clara, CA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

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- ☒ Issue Fee
- ☒ Publication Fee (No small entity discount permitted)
- ☒ Advance Order - # of Copies 2

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- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature Robert W. Mulcahy

Date 09/01/2005

Typed or printed name Robert W. Mulcahy

Registration No. 25,436

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